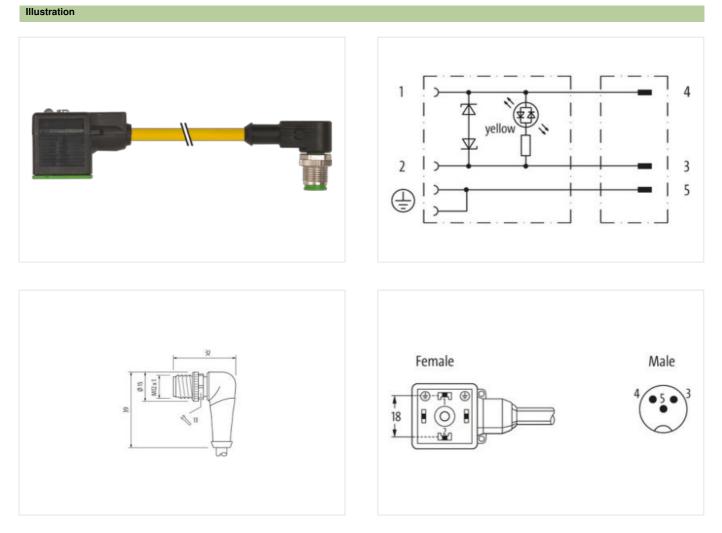


M12 male 90° A-cod. / MSUD valve plug A-18mm

PUR 3x0.75 ye UL/CSA+drag ch. 3m

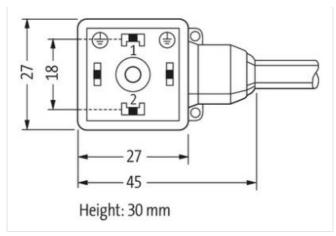
Form A (18 mm) – M12, male 90° 24 V AC ±20% / DC ±25% LED and suppression Bridged PE Art-No. 7005 - M12 Lite - (plastic hexagonal screw) on request Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

Link to Product



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19





Product may differ from Image



Cable length	3 m
Side 1	
Tightening torque	0,6 Nm
Family construction form	MSUD
Thread	M12 x 1
Material	PUR
Degree of protection (EN IEC 60529)	IP67
Side 2	
Tightening torque	0,4 Nm
Family construction form	M12
Thread	M3
suitable for corrugated tube (internal \emptyset)	10 mm
Material	PBT
Width across flats	SW13
Degree of protection (EN IEC 60529)	IP67
Commercial data	
ECLASS-6.0	27061801
customs tariff number	85444290
GTIN	4065909086803
Packaging unit	1
Electrical data	
Capacity CX	20 ms
Electrical data Supply	
Operating voltage AC	24 V
Operating voltage AC min.	19,2 V
Operating voltage AC max.	28,8 V
Operating voltage DC	24 V
Operating voltage DC min.	18 V
Operating voltage DC max.	30 V
Cut-off peak voltage max.	55 V
Current operating per contact max.	4 A
Current consumption max.	15 mA

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



Diagnostics

Shibs indication LEDyellowDevice protocinal protocion digueinserted, scrowedPolution Degree3Radi surgo valgo0.8 VNMaterial proportic 0.0004 / 101Actional configue yango0.0004Actional socion forgen0.0004 / 2.0 OrdeMaterial proportic 0.0004 / 10VoctedActional surgo valgoNockedConfin forgenNockedMaterial polarityPolaticMaterial polarityPolaticMaterial polarityPolaticMaterial polarityPolaticMaterial polarityPolaticMaterial polarityPolaticMaterial polarityPolaticMaterial polarityPolaticConfigue propertiesPolaticPolarity Interpretative nin.25 ° COperating temperature nin.26 ° C		
Additonal condition protection degree inserted, sorewed Polution Degree S S S	Status indication LED	yellow
Pattor Degree 9 Rated surge voltage 0.8 kV Material group (ICE 6566-1) 1 Additional Suppressor Doto, Z. Dodo Mechanical data [Material data Codors) Codors (Incoling) Diack Material gravity (ICE 6566-1) Nickeled Codor Incoling Diack Material paskin PUR Material paskin PUR Material paskin Diack Material paskin Diack Mechanical data [Material data] Zine cia-zeating Mechanical data [Material paskin Diack Mechanical data [Material paskin] Zine Cia-Cia-Cia-Cia-Cia-Cia-Cia-Cia-Cia-Cia-	Device protection Electrical	
Batef surge voltage 0,8 kV Matural group (IEC 6084-1) 1 Costing locking Nokeled Costing locking PLR Material gaskeri PUR Material gaskeri PUR Material gaskeri PUR Mounting method Inserted, screwed Environmental characteristics Climatic Climatic Operating temperature max. 85 °C Additional constinger inserted locks, org. by fue usage of cable iter. Additional constinger inserted locks, org. by fue usage of cable iter. Note on shrain relief Protect the connectors by suitable measures from mechanical loads, o.g. by fue usage of cable iter. Note on shrain relief Protect the connectors by suitable measures from mechanical loads, o.g. by fue usage of cable iter. Note on shrain relief Protect the connectors by suitable measures from mechanical loads, o.g. by fue usage of cable iter. Note on shrain relief Volte the connectors by suitable measures from mechanical loads, o.g. by fue usage of cable iter.	Additional condition protection degree	inserted, screwed
Material group (EC 8068-1) 1 Additional suppressor Diode, Z-Diode Mechanical data Mechanical data Costing looking Nickeled Colar housing black Material gasket PUR Mechanical data Mounting data Inserted, scrowed Environmental characteristics Climatic Operating temperature max. Operating temperature max. 85 °C Additional condition tomeperature range depending on cable quality Important Installation onces Material cobserve bending tradi when laying cables, as the IP protection class can be andargered by excessive bending torces. Installation (Cable Cable dentificantion Cable dentificantion 036 Cable dentificantion 046 Cable dentificantion 91 wires barded Type of Carificat CliFus </td <td>Pollution Degree</td> <td>3</td>	Pollution Degree	3
Additional suppressor Diode, 2-Diode Mechanics data [Material data Color housing Nickeled Color housing Nickeled Color housing Nickeled Methanial casket PUR Methanian color housing Nickeled Methanian color housing PuR Methanian color housing Nickeled Methanian color housing PuR Methanian color housing Nickeled Methanical data [Mounting data The clor cossing Methanical characteristics [Climatic Color housing Nickeled Environmental characteristics [Climatic Coperating temperature man. 25 °C Operating temperature man. 25 °C Operating temperature man. 25 °C Operating temperature man. 25 °C Operating temperature man. 25 °C Operating temperature man. 25 °C Note on ending radius Attention: Observe the permessible bending radii when laying cables, as the iP protection class can be andargerod by encosive bending tradie when laying cables, as the iP protection class can be andargerod twic inculation lass Can be disting radii. 20 Protection class can be disting radii. Totel or twice inculation 94 20 Protechanica (clor inculati. 20 Protection cl	Rated surge voltage	0,8 kV
Mechanical data Material data Casting looking Nickeied Color housing Black Material gaskel PLR Material housing Plastic Locking material Zin dio casting Material costing Plastic Locking material Zin dio casting Material costing Plastic Correnting temperature min. 25 °C Operating temperature max 85 °C Additional condition temperature may 65 °C Operating temperature max 85 °C Additional condition temperature may 65 °C Operating temperature max 85 °C Additional condition temperature may 45 °C Operating temperature max 45 °C Operating temperature may 45 °C Operating temperature may 45 °C Depatation temperature may 45 °C Color addition operation temperature may 45 °C Depatation traination operation temperature may 45 °C Depatation traination operation temperature may 45 °C Depatation traination operation texperat	Material group (IEC 60664-1)	
Costing Looking Nickleid Color housing black Material gaska PUR Material gaska Zine die casting Mechanical datis Journing material Mechanical datis Journing data Mechanical datis Journing data Mechanical datis Journing data Mechanical data Bos' Concentration Operating temperature min. 25 ° Concentration Operating temperature min. 25 ° Concentration Operating temperature min. 25 ° Concentration Material condition temperature man. 85 ° Concentration Nate on stain infeid Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Material condition Material condition (cose. Cobe of the insulation S6 Cobe of the insulation S6 Cobe of the insulati	Additional suppressor	Diode, Z-Diode
Color housing black Material pasket PUR Material pasket PUR Material pasket PUR Material pasket PUR Material pasket Zine die-casting Mechanical data Mounting data Inserted, screwed Evitrommetal characteristics Climatic Coperating temperature min. Operating temperature min. 28 °C Operating temperature max. 85 °C Additional condition temperature may depending on cable quality Important installation notes Since Comparison temperature max. Nole on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Installation Cable Cable Cable identification Os6 Cable identidentification Os6	Mechanical data Material data	
Material gasket PUR Material housing Plastic Cocking material Zinc die-casting Mechanical data Mounting data inserted, screwed Environmental characteristics Climatic Operating imperature min. 25 °C Operating interpretature min. 25 °C Constraint of the more strute range depending on cable quality Important installation notes Mole on stain range depending on cable quality Note on stain range Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on stain raised Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable infinition 038 Cable Type 3 Printing color dwire insulation wile (isolation black) Jacket Color yellow Type of Certificate cURBus Cable and garbet PUR Standing 3 wires twisted Water anargement black 1, black 2, green yellow Cable analyth 54, rgr Freedom from ingredients (gacket) <td< td=""><td>Coating locking</td><td>Nickeled</td></td<>	Coating locking	Nickeled
Material Plastic Locking material Zinc dis-casting Material-Incomental characteristics Climatic inserted, screwed Environmental characteristics Climatic Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 65 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Cable identification 036 Cable identification 038 Cable identification 038 <	Color housing	black
Locking material Zinc die casting Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature may depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Nate on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endeding radii when laying cables, as the IP protection class can be endeding radii when laying cables, as the IP protection class can be endeding radii when laying cables, as the IP protection class can be enderstop in the (solation black) Jacket Color yellow Type of Certificate C/Fusa Anount stranding 1 Stranding 3 wires twisted wire arrangement black 1. black 2. green-yellow Gabre hape 90 I 5 Shore A Freedom from ingredients (isoket) 14 5 % Cubre diameter insulation 9.1 5 Shore A Freedom from ingredients (isoket) <td>Material gasket</td> <td>PUR</td>	Material gasket	PUR
Mechanical data Mounting data Mounting method inserted, screwed Environmental characteristics Climatic Operating temperature max. 85 °C Additional condition temperature mange depending on cable quality Important installation notes Important installation notes Note on strain rollef Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable dentification Cable dentification 096 Cable Type 3 Printing color of wire insulation white (loatation black) Lacket Color yellow Type of Certificate cURus Armount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable dentification PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (gacket) Lea 5 % Material arker wire insulation PP Tolerance outer dia	Material housing	Plastic
Mounting method inserted, screwed Exvironmental characteristics [Climatic 25 °C Operating temperature man. 85 °C Additional condition temperature range depending on cable quality Important installation notes Restore the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Installation Lobbe Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Cable right 066 Cable right 9 Yeard Of vire insulation while (solation black) Jacket Color yellow Type of Certificate CURus Amount stranding 1 Stranding 1 Stranding 9 Stranding 1 Outer dividuation black 1, black 2, green-yellow Cable weight 50, grm Material protect dividuation 90 ± 5 Shore A Freedom from ingredients (gracka) 1ead-free, cadminum-free, CFC-free, halogen-free, silicone-free	-	Zinc die-casting
Mounting method inserted, screwed Exvironmental characteristics [Climatic 25 °C Operating temperature man. 85 °C Additional condition temperature range depending on cable quality Important installation notes Restore the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g., by the usage of cable ties. Installation Lobbe Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Cable right 066 Cable right 9 Yeard Of vire insulation while (solation black) Jacket Color yellow Type of Certificate CURus Amount stranding 1 Stranding 1 Stranding 9 Stranding 1 Outer dividuation black 1, black 2, green-yellow Cable weight 50, grm Material protect dividuation 90 ± 5 Shore A Freedom from ingredients (gracka) 1ead-free, cadminum-free, CFC-free, halogen-free, silicone-free	Mechanical data Mounting data	
Environmental characteristics Climatic Operating temperature min. -25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies. Installation Cable Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be ending forces. Installation Cable Cable identification Cable forpto 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arangement black 1, black 2, green-yellow Cable weight 56.1 g/m Material jacket PUR Stranding 90.2 S Shore A Freedom from ingredients (jackel) 185 % Outer diameter (jackel) 5.9 mm Tolerance outer diameter (jackel) 1.5 % Out		inserted, screwed
Operating temperature max. 25 °C Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on stain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Installation I Cable Cable identification 036 Cable identification 036 Cable identification Jacket Color yellow Printing color of wire insulation Ype of Cortificate CURus Amount stranding Andarding 1 Stranding 1 Stranding 3 wires twisted Stok 1, black 2, green-yellow Cable weight 56, 1g /m Material jackd PUR Shore hardness jacket 90 ± 5 Shore A Stoke 1, black 2, green-yellow Cable weight Cable weight 56, 1g /m Material jackd PUR Cable weight So ± 5 %m Shore hardness jacket 90 ± 5 % %n So So So So	-	
Operating temperature max. 85 °C Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on banding radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable identification 036 Cable identification 036 Cable close interval Additionin 036 Cable Cable Amount stranding 1 Stranding Amount stranding 1 Stranding Stranding 3 wires twisted Wires are anagement black 1, black 2, green-yellow Cable weigh 56,1 g/m Cable weigh 56,1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) Lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Shore hardness wire insulation 1,85 mm Quiter diameter insulation 1,85 mm	· · · · ·	
Additional condition temperature range depending on cable quality Important installation notes Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable Identification 0.36 Cable Identification 0.36 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate c.UFUs Amount stranding 1 Stranding 3 wires twisted Stranding Stranding Shore hardness jacket PU R Store A Store A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5, 9 mm Order diameter (sheath) ± 5 % Store D Store D Store D Store D Store D Store P Store D Store P Store D Store P Store D Store P Store P Store D Store D Store D Store D		
Important installation notes Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable identification 036 Cable identification 036 Cable identification Printing color of wire insulation while (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weight 56,1 g/m Material jacket PUH Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Shore hardness wire insulation Not Outer diameter (sheath) ± 5 % Shore hardness wire insulation 70 ± 5 Shore D		
Note on strain relief Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties. Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces. Installation Cable Cable identification 036 Cable identification 036 Cable identification 036 Cable identification 036 Cable identification Vinte (solation black) Jacket Color yellow Vype of Carificate ClRus Amount stranding 1 Stranding 3 wires twisted Material jacket PUR Store A Store A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (sleakt) ± 5 % Outer diameter (sheath) ± 5 % Store A Store D Store D Cable weight wire insulation PP Amount wires 3 Outer diameter (sleakt) ± 5 % Store function (index) 1.85 mm Outer diameter (sleakt) ± 5 % Store D Insulation PI Amount wires 3		depending on cable quality
Note on bending radius Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. Installation Cable Cable identification 036 Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weigh 56.1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, caffitum-free, CFC-free, halogen-free, silicone-free Outer claneter (isaket) 1 5 % Material wire insulation PP Amount strands 3 Outer diameter insulation 1.85 mm Outer diameter insulation 1.5 free Printing color wire insulation 1.5 from Outer diameter insulation 1.5 from Outer diameter insulation 1.5 from Outer diameter insulat	Important installation notes	
Note of behaning radius endangered by excessive bending forces. Installation Cable Cable identification 036 Cable identification 036 Cable Type 3 Pinning color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weigth 56.1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer diameter (jacket) 5.9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1.85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation # 5 % Shore D	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.
Cable identification036Cable Type3Printing color of wire insulationwhite (isolation black)Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)15 %Material jacket59 mmTolerance outer diameter (sheath)± 5 %Material ive insulationPPAmount strand3Outer diameter insulation1,85 mmOuter diameter insulation1,85 mmOuter diameter insulation1,85 mmOuter diameter insulation1,85 mmOuter diameter insulation1,95 %Shore hardness wire insulation1,95 SmmOuter diameter insulation1,85 mmOuter diameter insulation1,95 %Shore hardness wire insulation1,95 mmConductor of wire insulation1,95 mmOuter diameter insulation1,95 mmOuter diameter insulation1,95 mmConductor of wire insulation1,95 mmConductor of wire insulation1,95 mmShore hardness wire insulation1,95 mmConductor of wire insulation1,95 mmConductor of wire insulation1,95 mmMarcel and the insulation1,95 mmConductor of wire insulation1,95 mmConductor of wire i	Note on bending radius	
Cable Type 3 Printing color of wire insulation white (isolation black) Jacket Color yellow Type of Certificate cURus Amount stranding 1 Stranding 3 wires twisted wire arrangement black 1, black 2, green-yellow Cable weigth 56,1 g/m Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) 1ead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter insulation 1,85 mm Outer diameter insulation 1,85 mm Outer diameter insulation 1,85 mm Outer diameter insulation 1,95 % Shore hardness wire insulation 1,95 % Outer diameter insulation 1,85 mm Outer diameter insulation 1,85 mm Outer diameter insulation 1,85 mm Outer diameter insulation <td>Installation Cable</td> <td></td>	Installation Cable	
Printing color of wire insulationwhite (isolation black)Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56, 1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5.9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter lolerance core insulation1.85 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient freeness wire insulationP0 ± 5 Shore DIngredient freeness wire insulationVet E Shore DIngredient freeness wire insulation42Diameter of single wires0.15 mmConductor corossection (wire)0.75 mm²Material conductor wiresStranded copper wire, bareConductor vireStranded copper wire, bareConductor type (wire)strand class 6	Cable identification	036
Jacket ColoryellowType of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulationwhite (solation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Cable Type	3
Type of CertificatecURusAmount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,85 mmOuter diameter tolerance core insulation70 ± 5 Shore DIngredient free, eadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulation70 ± 5 Shore DIngredient freeness wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStrande copper wire, bareConductor type (wire)strand closes 6	Printing color of wire insulation	white (isolation black)
Amount stranding1Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationr0 ± 5 Shore DIngredient freeness wire insulation70 ± 5 Shore DIngredient freeness wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Jacket Color	yellow
Stranding3 wires twistedwire arrangementblack 1, black 2, green-yellowCable weigth56, 1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Type of Certificate	cURus
wire arrangementblack 1, black 2, green-yellowCable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation10 ± 5 Shore DIngredient freeness wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strande copper wire, bare	Amount stranding	1
Cable weigth56,1 g/mMaterial jacketPURShore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor orosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Stranding	3 wires twisted
Material jacket PUR Shore hardness jacket 90 ± 5 Shore A Freedom from ingredients (jacket) lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Outer-diameter (jacket) 5,9 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation PP Amount wires 3 Outer diameter tolerance core insulation 1,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 1,85 mm Outer diameter tolerance core insulation ± 5 % Shore hardness wire insulation 10 ± 5 Shore D Ingredient freeness wire insulation lead-free, cadmium-free, CFC-free, halogen-free, silicone-free Printing color of wire insulation white (isolation black) Amount strands (wire) 42 Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6 <td>wire arrangement</td> <td>black 1, black 2, green-yellow</td>	wire arrangement	black 1, black 2, green-yellow
Shore hardness jacket90 ± 5 Shore AFreedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter tolerance core insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Cable weigth	56,1 g/m
Freedom from ingredients (jacket)lead-free, cadmium-free, CFC-free, halogen-free, silicone-freeOuter-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Material jacket	PUR
Outer-diameter (jacket)5,9 mmTolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Shore hardness jacket	90 ± 5 Shore A
Tolerance outer diameter (sheath)± 5 %Material wire insulationPPAmount wires3Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Freedom from ingredients (jacket)	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Material wire insulationPPAmount wires3Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Outer-diameter (jacket)	5,9 mm
Amount wires3Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Tolerance outer diameter (sheath)	± 5 %
Outer diameter insulation1,85 mmOuter diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Material wire insulation	PP
Outer diameter tolerance core insulation± 5 %Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Amount wires	3
Shore hardness wire insulation70 ± 5 Shore DIngredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Outer diameter insulation	1,85 mm
Ingredient freeness wire insulationlead-free, cadmium-free, CFC-free, halogen-free, silicone-freePrinting color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Outer diameter tolerance core insulation	± 5 %
Printing color of wire insulationwhite (isolation black)Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Shore hardness wire insulation	
Amount strands (wire)42Diameter of single wires0,15 mmConductor crosssection (wire)0,75 mm²Material conductor wireStranded copper wire, bareConductor type (wire)strand class 6	Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, halogen-free, silicone-free
Diameter of single wires 0,15 mm Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6	Printing color of wire insulation	white (isolation black)
Conductor crosssection (wire) 0,75 mm² Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6	Amount strands (wire)	42
Material conductor wire Stranded copper wire, bare Conductor type (wire) strand class 6	Diameter of single wires	0,15 mm
Conductor type (wire) strand class 6	Conductor crosssection (wire)	0,75 mm ²
	Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track) 10 m @ 25 °C horizontal		strand class 6
	Traversing distance (C-track)	10 m @ 25 °C horizontal

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19



Nominal voltage AC max.	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	12 A
Electrical resistance line constant wire	26 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2,5 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2,5 kV @ 60 s
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	80 °C / 90 °C @ 10000 h Operation
Operating temperature min. (dynamic)	-25 °C
Operating temperature max. (dynamic)	80 °C / 90 °C @ 10000 h Operation
Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	10 Mio. @ 25 °C
No. of torsion cycles	2 Mio.
Torsion stress	± 180 °/m
Torsion speed	35 cycles/min

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-19